



让世界听到我们的声音
THE WORLD LISTENS

User Guide

To ensure safety,
please read over the user guide before operation

ATM-230+

Condenser microphone



Professional Capacitance Microphone

1. Product introduction

- ◆ Modular small diaphragm condenser microphone, professional manufacturing technology and top quality standards, modular replaceable sound head and frontThe amplifier creates extraordinary excellent quality, and its transparent and solid frequency response makes it very suitable for the pickup of all kinds of musical instruments and speeches favored by senior application engineers.
- ◆ Gold Plated diaphragm capacitive heart-shaped directional microphone core. The surface is treated with high-temperature baking paint to minimize the friction sound and wear resistance.
- ◆ The brass tube body has excellent anti-interference ability, especially high-frequency dryingDisturbing.
- ◆ The provocative low distortion high pass filter can filter out unwanted low frequencies and realize 75Hz low frequency removal.

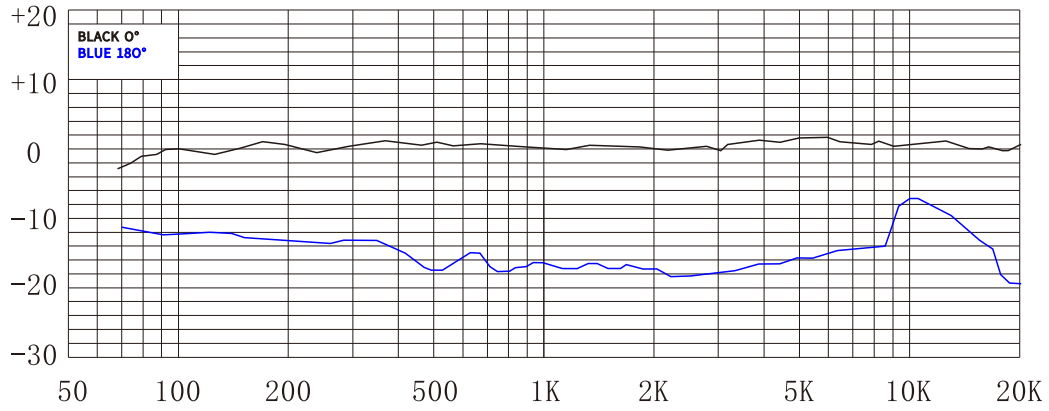
2. Instructions

- ① When using, first minimize the volume of the loudspeaker or mixer, then connect the 48V power supply with the microphone, and then turn on the power supplySwitch on and off, and slowly adjust the volume from small to large to appropriate to avoid impact on the horn.
- ② Cover the microphone head with your hand or make the microphone close to the speaker, which may produce a whistling sound. In this case, lower the bass firstMeasure, keep away from the speaker, and try to use the microphone instead of the speaker.
- ③ The microphone has high sensitivity, so care must be taken not to fall from a high place or give strong impact.
- ④ When the microphone is not in use, it should be stored in a dry and clean place. It should not be stored or used in places with high temperature and humidity to avoid damage affect sensitivity and timbre.

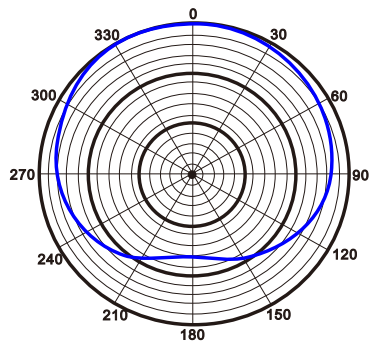
3. Product features

- ※ Excellent split design;
- ※ Low noise;
- ※ Low power consumption;
- ※ Strong and durable;
- ※ Low impedance connector;
- ※ Wide ambient temperature;
- ※ 75Hz low frequency cut-off;
- ※ Comply with iec61938 phantom power supply standard;
- ※ Low distortion pickup in high sound pressure environment.

Frequency Response :(0dB =1V/Pa, 1KHz)



4. Technical parameters



1KHz

Type	Condenser microphone
Directivity	Heart shape
Frequency response	20Hz~20KHz
Sensitivity	12mv/Pa
Nominal impedance	$\leq 150\Omega$
Recommended load impedance	$\geq 1k\Omega$
Signal to noise ratio	65dB,1kHz at 1Pa
Maximum sound pressure level	140dB SPL(THD < 0.5%)
Operating temperature range	-10°~50°
Current consumption	$\leq 3mA$
Connection mode	Type XLR-3
Size	21mm ϕ × 141mm
Weight	176g
Surface material	Black paint
Tube material	Brass



